

ABSTRACT

The object of the present invention is to provide a blower that improves the P-Q characteristic and reduces noise. An apparatus according to the present invention is a blower that sucks air inside through slits (6) provided in an annular wall (2), wherein the blade thickness near a blade end s is progressively reduced toward the front end, and the location F of the maximum thickness gradually moves back toward a blade trailing edge side u_2 so as to make the blade advance angle near the front end larger than in other locations. In addition, the width of a slit is made wider in sections near a spacer than in other sections. Alternatively, notches are provided in the outer perimeter of annular plates near the spacers so as to reduce the radial length of the annular plates. This arrangement improves the P-Q characteristic and reduces noise.

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